Converting units of mass and capacity

MODULE 5 · MEASURES — LENGTH, AREA, VOLUME, MASS AND CAPACITY MEASURES

HOW TO ANSWER TODAY

- **Convert units.** To a SMALLER unit → multiply. To a BIGGER unit → divide. Common factors: cm↔mm ×10, m↔cm ×100, km↔m ×1,000, kg↔g ×1,000, l↔ml ×1,000.
  250 cm → m: ÷ 100 = 2.5 m 3.5 kg → g: × 1,000 = 3,500 g

STRETCH PROBLEMS

1. 6th class are building raised beds for vegetables in the school garden. Laid end to end, all the timber for the beds measures **1500 cm**. How many metres of timber is that?

2. Saoirse is helping plan a flowerbed border in the school garden. She measures one long edge and finds it is **7783 cm**. How many metres long is that edge?

3. During the 6th class robotics build, Cian measures a length of wire for the circuit as **793 mm**. How many metres long is the wire?

4. Cara and her friends set up mini goals for their lunchtime soccer match in the schoolyard. Each goal is **756 mm** wide. How many centimetres is that?

5. Aoife is helping in the photocopier room before home time. She measures a strip of card for tomorrow's worksheets and finds it is **948 mm** long. How many centimetres is **948 mm**?

MEASURES